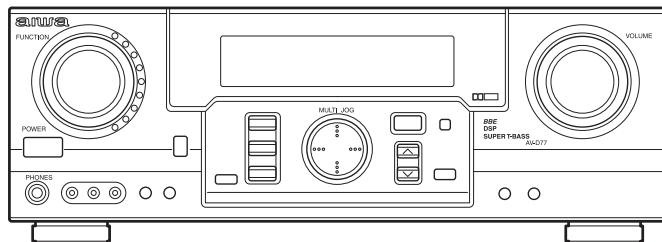




AV-S17

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SERVICE MANUAL

STEREO AV RECEIVER

aiwa
S/M Code No. 09-007-435-0N1

SPECIFICATIONS

FM tuner section		Muting	-20dB
Tuning range	87.5 MHz to 108 MHz	General	
Usable sensitivity	13.2 dBf	Power requirements	120V AC, 60 Hz
Antenna terminals	75 ohms(unbalanced)	Power consumption	75W
AM tuner section		Power consumption in standby mode	ECO OFF: 17W
Tuning range	531 - 1,602 kHz (9 kHz step)	Dimensions (W x H x D)	ECO ON: 1W
Usable sensitivity	530 - 1,702 kHz (10 kHz step)		430 x 155 x 392.5 mm (17 x 6 ¹ / ₈ x 15 ¹ / ₂ in.)
Antenna	350uV/m Loop antena	Weight	9.1 kg (20 lb 1oz.)
Amplifier section			
Power output	100 watts per channel, Min. RMS at 8 ohms, from 40 Hz to 20 kHz, with no more than 0.9% Total Harmonic Distortion		• Design and specifications are subject to change without notice.
Total harmonic distortion	0.08%(50 W,1 kHz, 8 ohms, Front)		
Input	AUDIO IN PHONO: 1.5mV, adjustable(47 k ohms) VIDEO 1/DVD/MD, VIDEO 2/LD/TV, VIDEO 3, CD, AUX: 200mV, adjustable(47 k ohms) TAPE MONITOR: 250 mV, (47 k ohms) VIDEO IN: 1 Vp-p (75 ohms)		
Output	AUDIO OUT (REC OUT): 200 mV (1 kohm) VIDEO OUT (MONITOR): 1 Vp-p (75 ohms) SUB WOOFER: 2V (47 kohms) SPEAKERS IMP: 8 ohm (front speakers A and B): accepts speakers of 8 ohms or more. PHONES (stereo minijack): accepts headphones of 32 ohms or more		

ACCESSORIES / PACKAGE LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-AR5-903-010	IB,U (ESF)M	
2	87-006-225-010	ANT, LOOP ANT NC2	
3	87-043-115-010	FEEDER-ANT, FM	
4	8A-AR5-701-010	RC UNIT, RC-AAR04 BLK	

ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC				C112	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-017-022-080	C-IC, NJM2068M-D(T1)			C113	87-016-658-090	CAP,E 4700-35 M SMG	
87-017-726-080	C-IC, BU4052BCF			C114	87-016-658-090	CAP,E 4700-35 M SMG	
87-A21-202-040	C-IC, M62445Afp			C115	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-020-784-080	C-IC, TC4053BF			C116	87-012-368-080	C-CAP,S 0.1-50 Z F	
8A-AR5-601-010	C-IC, UPD780226-016-3BA			C117	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-070-083-010	IC, GP1U281X			C118	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-A20-820-010	IC, BA7625			C119	87-A10-462-090	CAP,E 6800-63 SMG VB	
87-017-917-080	C-IC, BU4066BCF			C120	87-A10-462-090	CAP,E 6800-63 SMG VB	
				C121	87-010-260-080	CAP,E 47-25 M 11L SME	
TRANSISTOR				C122	87-010-403-080	CAP,E 3.3-50 M 11L SME	
87-A30-197-080	TR, KTA1267GR			C123	87-010-385-080	CAP,E 220-25 M SME	
87-026-245-080	TR, DTC114ES			C124	87-010-385-080	CAP,E 220-25 M SME	
87-A30-198-080	TR, KTC3199GR			C125	87-010-247-080	CAP,E 100-50 M SME	
89-110-372-080	C-TR, 2SA1037K(R)			C126	87-010-263-080	CAP,E 100-10 M 11L SME	
89-213-702-010	TR, 2SB1370E			C127	87-010-197-080	C-CAP,S 0.01-25 K B C2012	
87-A30-083-080	TR, CSD1489B			C143	87-A10-712-080	C-CAP,S 0.22-50 Z F	
87-A30-075-080	C-TR, 2SA1235F			C144	87-A10-712-080	C-CAP,S 0.22-50 Z F	
87-A30-076-080	C-TR, 2SC3052F			C203	87-010-176-080	C-CAP,S 680P-50 J SL	
87-026-610-080	TR, KTC3198GR			C204	87-010-176-080	C-CAP,S 680P-50 J SL	
87-026-609-080	TR, KTA1266GR			C205	87-010-405-080	CAP,E 10-50 M 11L SME	
87-A30-257-080	C-TR, 2SD1306E			C206	87-010-405-080	CAP,E 10-50 M 11L SME	
87-A30-107-070	C-TR, CMKT5401			C209	87-010-392-080	CAP,E 33-35 M 11L SME	
87-A30-190-080	TR, CC5551			C211	87-010-322-080	C-CAP,S 100P-50 J CH GRM	
87-A30-097-010	TR, FN1016			C212	87-010-322-080	C-CAP,S 100P-50 J CH GRM	
87-A30-098-010	TR, FP1016			C215	87-A10-897-080	CAP,E 100-25 BP SME	
87-A30-106-070	C-TR, CMKT5551			C216	87-A10-897-080	CAP,E 100-25 BP SME	
87-A30-186-010	FET, 2SK3053			C217	87-A10-516-080	C-CAP,S 100P-200 J CH	
87-A30-072-080	C-TR, RT1P 144C			C218	87-A10-516-080	C-CAP,S 100P-200 J CH	
87-A30-074-080	C-TR, RT1P 141C			C221	87-A10-369-080	C-CAP,S 0.47-16 K B	
87-026-236-080	C-TR, DTC124EK			C222	87-A10-369-080	C-CAP,S 0.47-16 K B	
87-026-232-080	C-TR, DTA144WK			C223	87-010-402-080	CAP,E 2.2-50 M 11L SME	
87-A30-071-080	C-TR, RT1N 144C			C224	87-010-402-080	CAP,E 2.2-50 M 11L SME	
87-A30-087-080	C-FET, 2SK2158			C225	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
DIODE				C226	87-016-251-080	CAP,E 220-16 M SMG	
87-020-465-080	DIODE, 1SS133			C227	87-010-178-080	C-CAP,S 1000P-50 K B C2012	
87-A40-345-080	ZENER, MTZJ10C			C228	87-010-178-080	C-CAP,S 1000P-50 K B C2012	
87-A40-468-080	C-DIODE, HSM2836CTR			C229	87-016-251-080	CAP,E 220-16 M SMG	
87-A40-115-060	DIODE, RS603M			C230	87-A10-354-080	C-CAP,S 0.047-50 K B	
87-A40-469-080	C-DIODE, HSM2838CTR			C231	87-A10-354-080	C-CAP,S 0.047-50 K B	
87-A40-004-080	ZENER, MTZJ16A			C241	87-A12-314-080	CAP,CER 47P-500 J SL	
87-A40-335-080	ZENER, MTZJ11C T-72			C242	87-A12-314-080	CAP,CER 47P-500 J SL	
87-A40-224-010	DIODE, GBU8DL			C285	87-010-186-080	C-CAP,S 4700P-50 K B C2012	
87-070-274-080	DIODE, 1N4003 SEM			C287	87-010-190-080	C-CAP,S 0.01-50 Z F C2012	
87-A40-435-080	ZENER, MTZJ30D			C288	87-010-190-080	C-CAP,S 0.01-50 Z F C2012	
87-A40-341-080	ZENER, MTZJ36A			C289	87-010-190-080	C-CAP,S 0.01-50 Z F C2012	
87-A40-646-010	DIODE, FMB-G16L			C290	87-010-190-080	C-CAP,S 0.01-50 Z F C2012	
87-A40-437-080	ZENER, MTZJ4.3B			C291	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-070-136-080	ZENER, MTZJ5.1B			C292	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-A40-488-080	DIODE, 1SS244			C293	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-A40-438-080	ZENER, MTZJ4.7A			C294	87-012-368-080	C-CAP,S 0.1-50 Z F	
87-A40-344-080	ZENER, MTZJ6.2C			C295	87-012-368-080	C-CAP,S 0.1-50 Z F	
MAIN C.B				C296	87-012-368-080	C-CAP,S 0.1-50 Z F	
C101	87-010-235-080	CAP,E 470-16 M SME		C297	87-012-368-080	C-CAP,S 0.1-50 Z F	
C102	87-010-235-080	CAP,E 470-16 M SME		C298	87-012-368-080	C-CAP,S 0.1-50 Z F	
C103	87-010-384-080	CAP,E 100-25 M 11L SME		C501	87-010-404-080	CAP,E 4.7-50 M 11L SME	
C104	87-010-382-010	CAP,E 22-25 M SME		C502	87-010-404-080	CAP,E 4.7-50 M 11L SME	
C105	87-010-247-080	CAP,E 100-50 M SME		C503	87-012-157-080	C-CAP,S 330P-50 J CH GRM	
C106	87-010-384-080	CAP,E 100-25 M 11L SME		C504	87-012-157-080	C-CAP,S 330P-50 J CH GRM	
C107	87-010-263-080	CAP,E 100-10 M 11L SME		C511	87-010-404-080	CAP,E 4.7-50 M 11L SME	
C108	87-012-140-080	C-CAP,S 470P-50 J CH		C512	87-010-404-080	CAP,E 4.7-50 M 11L SME	
C109	87-012-368-080	C-CAP,S 0.1-50 Z F		C513	87-010-260-080	CAP,E 47-25 M 11L SME	
C110	87-012-368-080	C-CAP,S 0.1-50 Z F		C514	87-010-260-080	CAP,E 47-25 M 11L SME	
C111	87-012-368-080	C-CAP,S 0.1-50 Z F		C515	87-010-370-080	CAP,E 330-6.3 M SME	
				C516	87-010-370-080	CAP,E 330-6.3 M SME	
				C517	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
				C518	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
				C519	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	
				C520	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C531	87-010-213-080	C-CAP,S 0.015-25 K B GRM	R212	87-A00-418-010	RES,M/F 0.15-3W J		
C532	87-010-992-080	C-CAP,S 0.047-25 K B MK212	R231	87-A00-418-010	RES,M/F 0.15-3W J		
C533	87-015-785-080	C-CAP, 0.1-25 Z F C3216	R232	87-A00-418-010	RES,M/F 0.15-3W J		
C535	87-010-404-080	CAP,E 4.7-50 M 11L SME	R233	87-A00-418-010	RES,M/F 0.15-3W J		
C536	87-010-404-080	CAP,E 4.7-50 M 11L SME	R234	87-A00-418-010	RES,M/F 0.15-3W J		
C539	87-010-401-080	CAP,E 1-50 M 11L SME	R281	87-A00-373-050	RES,M/F 270-1W J VTP		
C540	87-010-401-080	CAP,E 1-50 M 11L SME	R282	87-A00-373-050	RES,M/F 270-1W J VTP		
C541	87-010-185-080	C-CAP,S 3900P-50 K B	R283	87-A00-373-050	RES,M/F 270-1W J VTP		
C542	87-010-185-080	C-CAP,S 3900P-50 K B	R284	87-A00-373-050	RES,M/F 270-1W J VTP		
C547	87-010-404-080	CAP,E 4.7-50 M 11L SME	S291	87-A90-174-010	SW,PUSH 2-2-2 R2121382ES		
C548	87-010-404-080	CAP,E 4.7-50 M 11L SME	S292	87-A90-174-010	SW,PUSH 2-2-2 R2121382ES		
C549	87-016-081-080	C-CAP,S 0.1-16 K R GRM	TH201	87-A91-081-080	C-THMS,100K-K 20P		
C550	87-016-081-080	C-CAP,S 0.1-16 K R GRM	TH202	87-A91-081-080	C-THMS,100K-K 20P		
C554	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	W003	8Z-NF3-645-010	CONN ASSY,9P VH		
C555	87-010-405-080	CAP,E 10-50 M 11L SME	WH101	87-A90-510-010	HLDL,WIRE 2.5-9P		
C556	87-010-248-080	CAP,E 220-10 M 11L SME	FRONT C.B				
C557	87-010-405-080	CAP,E 10-50 M 11L SME	C801	87-010-322-080	C-CAP,S 100P-50 J CH GRM		
C560	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C803	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C561	87-012-140-080	C-CAP,S 470P-50 J CH	C805	87-012-141-080	C-CAP,S 0.22-16 Z F C2012		
C562	87-012-140-080	C-CAP,S 470P-50 J CH	C806	87-010-400-040	CAP,E 0.47-50 M 11L SME		
C565	87-010-404-080	CAP,E 4.7-50 M 11L SME	C807	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C566	87-010-404-080	CAP,E 4.7-50 M 11L SME	C808	87-010-498-040	CAP,E 10-16 M 5L SRE		
C605	87-010-405-080	CAP,E 10-50 M 11L SME	C809	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C606	87-010-405-080	CAP,E 10-50 M 11L SME	C810	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C701	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C811	87-A10-189-040	CAP,E 220-10 M 5L		
C702	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C812	87-A10-189-040	CAP,E 220-10 M 5L		
C745	87-012-368-080	C-CAP,S 0.1-50 Z F	C814	87-010-178-080	C-CAP,S 1000P-50 K B C2012		
C746	87-012-368-080	C-CAP,S 0.1-50 Z F	C816	87-010-312-080	C-CAP,S 15P-50 J CH GRM		
C901	87-010-406-080	CAP,E 22-50 M 11L SME	C817	87-012-155-080	C-CAP,S 180P-50 J CH GRM		
C902	87-010-406-080	CAP,E 22-50 M 11L SME	C818	87-010-178-080	C-CAP,S 1000P-50 K B C2012		
C903	87-010-406-080	CAP,E 22-50 M 11L SME	C819	87-012-156-080	C-CAP,S 220P-50 J CH GRM		
C904	87-010-406-080	CAP,E 22-50 M 11L SME	C820	87-012-156-080	C-CAP,S 220P-50 J CH GRM		
C905	87-010-406-080	CAP,E 22-50 M 11L SME	C821	87-010-178-080	C-CAP,S 1000P-50 K B C2012		
C906	87-010-260-080	CAP,E 47-25 M 11L SME	C822	87-010-182-080	C-CAP,S 2200P-50 K B C2012		
C907	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C823	87-010-182-080	C-CAP,S 2200P-50 K B C2012		
C908	87-010-387-080	CAP,E 470-25 M SME	C824	87-010-182-080	C-CAP,S 2200P-50 K B C2012		
C909	87-010-371-080	CAP,E 470-6.3 M SME	C825	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C910	87-010-371-080	CAP,E 470-6.3 M SME	C826	87-010-405-040	CAP,E 10-50 M 11L SME		
C911	87-010-371-080	CAP,E 470-6.3 M SME	C827	87-010-198-080	C-CAP,S 0.022-25 K B C2012		
C912	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C829	87-012-156-080	C-CAP,S 220P-50 J CH GRM		
C913	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C831	87-A10-189-040	CAP,E 220-10 M 5L		
C914	87-010-196-080	C-CAP,S 0.1-25 Z F C2012	C832	87-010-196-080	C-CAP,S 0.1-25 Z F C2012		
C920	87-016-299-080	CAP,E 10-100 M SME	C833	87-012-368-080	C-CAP,S 0.1-50 Z F		
CN110	87-A60-621-010	CONN,4P V 2MM JMT	C834	87-012-368-080	C-CAP,S 0.1-50 Z F		
CN201	8A-AR5-621-010	CONN ASSY,2P	C835	87-012-368-080	C-CAP,S 0.1-50 Z F		
CN501	87-A60-039-010	CONN,32P V 9604S-32C	C836	87-012-157-080	C-CAP,S 330P-50 J CH GRM		
CN503	87-A60-056-010	CONN,12P V 9604S-12C	C837	87-012-157-080	C-CAP,S 330P-50 J CH GRM		
CN503	88-912-161-110	FF-CABLE,12P 1.25 160MM	C838	87-012-157-080	C-CAP,S 330P-50 J CH GRM		
CN901	87-A60-619-010	CONN,2P V 2MM JMT	C839	87-012-157-080	C-CAP,S 330P-50 J CH GRM		
J201	87-A60-199-010	TERMINAL,SP 8P CJ-9034-07 V0	C840	87-012-157-080	C-CAP,S 330P-50 J CH GRM		
J501	87-099-609-010	JACK,PIN 4P BLK W/O SW	C841	87-012-157-080	C-CAP,S 330P-50 J CH GRM		
J502	87-099-609-010	JACK,PIN 4P BLK W/O SW	C842	87-012-157-080	C-CAP,S 330P-50 J CH GRM		
J715	87-A60-244-010	JACK,PIN 1P BLK W/O SW	C843	87-012-157-080	C-CAP,S 330P-50 J CH GRM		
J901	87-099-911-010	JACK,PIN 3P YEL W/O SW	C844	87-012-157-080	C-CAP,S 330P-50 J CH GRM		
J902	87-099-912-010	JACK,PIN 3P YEL W/O SW W/E	C845	87-010-405-040	CAP,E 10-50 M 11L SME		
J903	87-099-911-010	JACK,PIN 3P YEL W/O SW	C846	87-010-405-040	CAP,E 10-50 M 11L SME		
J904	87-099-911-010	JACK,PIN 3P YEL W/O SW	C847	87-010-405-040	CAP,E 10-50 M 11L SME		
J905	87-099-911-010	JACK,PIN 3P YEL W/O SW	C848	87-010-405-040	CAP,E 10-50 M 11L SME		
L291	87-003-383-010	COIL,1UH K	C849	87-012-368-080	C-CAP,S 0.1-50 Z F		
L292	87-003-383-010	COIL,1UH K	C850	87-010-408-040	CAP,E 47-50 M 11L SME		
L293	87-003-383-010	COIL,1UH K	C855	87-010-405-040	CAP,E 10-50 M 11L SME		
L294	87-003-383-010	COIL,1UH K	CN801	87-A60-079-010	CONN,08P H 9604S-08F		
L901	87-005-239-080	COIL,100UH K LAL03	CN801	88-908-101-110	FF-CABLE, 8P 1.25 100MM		
PR101	87-026-691-080	FUSE,10A 125V 251	CN802	87-A60-064-010	CONN,32P H 9604S-32F		
PR104	87-026-691-080	FUSE,10A 125V 251	CN802	8A-AR3-643-010	FF-CABLE,32P 1.25 430MM		
PR201	87-026-691-080	FUSE,10A 125V 251	CN805	87-A60-083-010	CONN,04P H 9604S-04F		
PR202	87-026-691-080	FUSE,10A 125V 251	CN805	88-904-101-110	FF-CABLE, 4P 1.25 100MM		
R109	87-029-060-080	RES,FUSE 33-1/4W J	FL801	8A-AR5-602-010	FL,9-BT-172GNK		
R143	87-A00-261-080	RES,M/F 0.56-1W J	L801	87-A50-434-010	COIL,CLK 4.19M(TOKO)		
R211	87-A00-418-010	RES,M/F 0.15-3W J					

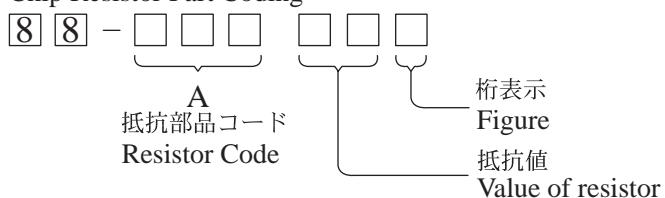
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
LED703	87-A40-317-080		LED, SLR-342VCT31 RED	C709	87-012-195-080		C-CAP, U 100P-50CH
LED705	87-A40-317-080		LED, SLR-342VCT31 RED	C711	87-010-263-080		CAP,ELECT 100-10V
LED706	87-A40-317-080		LED, SLR-342VCT31 RED	C712	87-010-196-080		CHIP CAPACITOR,0.1-25
LED707	87-A40-317-080		LED, SLR-342VCT31 RED	C713	87-012-286-080		CAP,U 0.01-25
LED708	87-A40-317-080		LED, SLR-342VCT31 RED	C714	87-012-286-080		CAP,U 0.01-25
LED709	87-A40-317-080		LED, SLR-342VCT31 RED	C717	87-012-286-080		CAP,U 0.01-25
LED710	87-A40-317-080		LED, SLR-342VCT31 RED	C719	87-012-286-080		CAP,U 0.01-25
LED711	87-A40-317-080		LED, SLR-342VCT31 RED	C721	87-012-176-080		CAP,15P
LED712	87-A40-317-080		LED, SLR-342VCT31 RED	C722	87-012-176-080		CAP,15P
S801	87-A90-095-080		SW,TACT EVQ11G04M	C723	87-012-274-080		CHIP CAP,U 1000P-50B
S802	87-A90-095-080		SW,TACT EVQ11G04M	C725	87-012-274-080		CHIP CAP,U 1000P-50B
S806	87-A90-095-080		SW,TACT EVQ11G04M	C727	87-010-196-080		CHIP CAPACITOR,0.1-25
S807	87-A90-095-080		SW,TACT EVQ11G04M	C728	87-010-248-080		CAP,ELECT 220-10V
S809	87-A90-095-080		SW,TACT EVQ11G04M	C755	87-012-286-080		CAP,U 0.01-25
S812	87-A90-095-080		SW,TACT EVQ11G04M	C756	87-012-286-080		CAP,U 0.01-25
S813	87-A90-095-080		SW,TACT EVQ11G04M	C757	87-012-188-080		C-CAP,U 47P-50 CH
S814	87-A90-095-080		SW,TACT EVQ11G04M	C758	87-012-167-080		C-CAP,U 5P-50 CH
S816	87-A90-095-080		SW,TACT EVQ11G04M	C761	87-010-196-080		CHIP CAPACITOR,0.1-25
S817	87-A90-095-080		SW,TACT EVQ11G04M	C763	87-010-829-080		CAP,U 0.047-16
SW801	87-A91-646-010		SW,RTRY EC12E12204	C764	87-012-337-080		C-CAP,U 56P-50 CH
SW802	87-A91-647-010		SW,RTRY EC12E12504	C765	87-012-286-080		C-CAP,U 0.01-25
				C769	87-010-408-080		CAP,ELECT 47-50 M 11L
				C770	87-010-829-080		CAP,U 0.047-16
VOLUME C.B				C771	87-010-383-080		CAP,ELECT 33-25 M 11L
				C772	87-010-829-080		CAP,U 0.047-16
C607	87-010-178-080		C-CAP,S 1000P-50 K B C2012	C773	87-010-196-080		CHIP CAPACITOR,0.1-25
CN601	87-A60-083-010		CONN,04P H 9604S-04F	C774	87-010-263-080		CAP,ELECT 100-10V
S601	87-A90-095-080		SW,TACT EVQ11G04M	C775	87-010-404-080		CAP,ELECT 4.7-50V
S602	87-A90-095-080		SW,TACT EVQ11G04M	C776	87-012-286-080		CAP,U 0.01-25
SW601	87-A91-645-010		SW,RTRY EC12E24304NON-CLICK	C777	87-010-400-080		CAP,ELECT 0.47-50V
VIDEO C.B				C778	87-010-401-080		CAP,ELECT 1-50V
				C779	87-010-401-080		CAP,ELECT 1-50V
C501	87-A11-148-080		CAP,TC U 0.1-50 Z F	C780	87-010-196-080		CHIP CAPACITOR,0.1-25
C502	87-A11-148-080		CAP,TC U 0.1-50 Z F	C781	87-010-405-080		CAP,ELECT 10-50V
C503	87-010-188-080		C-CAP,S 6800P-50 K B C2012	C782	87-010-405-080		CAP,ELECT 10-50V
C504	87-010-188-080		C-CAP,S 6800P-50 K B C2012	C783	87-012-286-080		CAP,U 0.01-25
C507	87-A11-148-080		CAP,TC U 0.1-50 Z F	C784	87-012-286-080		CAP,U 0.01-25
CN604	87-099-201-010		CONN,8P H BLK 6216	C785	87-010-805-080		CAP,S 1-16
CN605	8A-AR3-652-010		CONN ASSY,2P -VIDEO 3	C786	87-010-805-080		CAP,S 1-16
FB501	87-008-372-080		FLTR,EMI BL01 RN1	C787	87-012-280-080		CAP,U 3300P-50
FB602	87-008-372-080		FLTR,EMI BL01 RN1	C788	87-012-280-080		CAP,U 3300P-50
J501	87-A60-606-010		JACK,PIN 3P R/W/Y W/O SW H	C789	87-012-275-080		C-CAP,U 1200P-50 B
J603	87-A60-550-010		JACK,DIA6.3 BLK ST W/SW KM	C790	87-012-275-080		C-CAP,U 1200P-50 B
				C791	87-010-405-080		CAP,ELECT 10-50V
				C793	87-012-273-080		C-CAP,U 820P-50 B
PT C.B				C794	87-010-406-080		CAP,ELECT 22-50
C001	87-010-387-080		CAP,E 470-25 M SME	C795	87-010-194-080		C-CAP,S 0.047-25 FZ
C002	87-010-403-080		CAP,E 3.3-50 M 11L SME	C796	87-010-403-080		CAP,ELECT 3.3-50V
C003	87-A11-148-080		CAP,TC U 0.1-50 Z F	C797	87-012-278-080		CAP,U 2200P-50
C004	87-A11-148-080		CAP,TC U 0.1-50 Z F	C798	87-012-278-080		CAP,U 2200P-50
C005	87-A11-148-080		CAP,TC U 0.1-50 Z F	C799	87-010-829-080		CAP,U 0.047-16
△ C007	87-A10-922-090		CAP,CER 0.01-250 M F KH	C812	87-012-286-080		CAP,U 0.01-25
CN101	88-805-042-690		CONN ASSY,4P	C813	87-010-196-080		CHIP CAPACITOR,0.1-25
CN103	87-A61-057-010		CONN,9P V THL-P09P-A1	C814	87-012-286-080		CAP,U 0.01-25
△ F101	87-035-493-010		FUSE,8A 125V T 237	C819	87-010-197-080		CAP,CHIP 0.01 DM
△ FC101	87-A90-160-080		FUSE CLAMP,FC 51F	C820	87-010-260-080		CAP,ELECT 47-25V
△ FC102	87-A90-160-080		FUSE CLAMP,FC 51F	C821	87-012-286-080		CAP,U 0.01-25
△ PR001	87-A91-276-080		FUSE,125MA 125V F 251	C822	87-012-286-080		CAP,U 0.01-25
△ PR105	87-026-691-080		FUSE,10A 125V 251	C823	87-012-286-080		CAP,U 0.01-25
△ PR106	87-026-691-080		FUSE,10A 125V 251	C828	87-010-196-080		CHIP CAPACITOR,0.1-25
△ PT002	8Z-NF8-661-010		PT,SUB ZNF-8(U)	C829	87-010-196-080		CHIP CAPACITOR,0.1-25
△ PT101	8Z-AR4-601-010		PT,ZAR-4(U)	C959	87-010-196-080		CHIP CAPACITOR,0.1-25
△ RY001	87-A90-977-010		RELAY,AC12V DG12D1-O(M)	C960	87-010-196-080		CHIP CAPACITOR,0.1-25
△ T001	87-A60-317-010		TERMINAL, 1P MSC	C961	87-012-170-080		C-CAP,U 8P-50 CH
△ T002	87-A60-317-010		TERMINAL, 1P MSC	CF801	87-008-261-080		FILTER,SFE 10.7MA5-A
TUNER C.B				CF802	87-008-261-080		FILTER,SFE 10.7MA5-A
C701	87-010-260-080		CAP,E 47-25V	CF801	87-008-261-080		FILTER,SFE 10.7MA5-A
C702	87-010-404-080		CAP,E 4.7-50V	CN601	87-099-028-010		CONN,11P 6216 H
C703	87-012-286-080		CAP,U 0.01-25	FFE801	A8-8ZA-190-030		8ZA-1 FEUNM
C704	87-012-286-080		CAP,U 0.01-25	J801	87-A60-657-010		TERMINAL,4P HSP-154V5-02

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
L771	87-A50-266-010		COIL, FM DET-2N(TOK)
L772	87-A90-733-010		FLTR, PCFAZH-450
L781	87-005-847-080		COIL, 2.2UH(CECS)
L791	87-A50-209-010		COIL, 1 POLE MPX(MIT)
L792	87-A50-209-010		COIL, 1 POLE MPX(MIT)
L832	87-005-847-080		COIL, 2.2UH(CECS)
L981	87-NF4-650-010		COIL, AM PACK4N(TOK)
X721	87-A70-061-010		VIB, XTAL 4.500MHZ CSA-309

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち

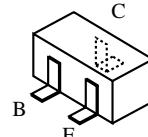
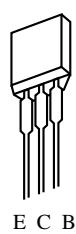
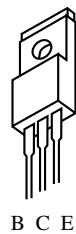
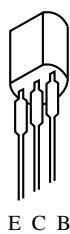
Chip Resistor Part Coding



チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions (mm)			抵抗コード : A Resistor Code : A
				外形／Form	L	W	
1/16W	1005	± 5%	CJ		1.0	0.5	0.35
1/16W	1608	± 5%	CJ		1.6	0.8	0.45
1/10W	2125	± 5%	CJ		2	1.25	0.45
1/8W	3216	± 5%	CJ		3.2	1.6	0.55

TRANSISTOR ILLUSTRATION



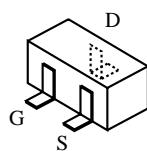
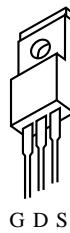
CC5551
KTA1266
KTC3198

2SB1370
FN1016
FP1016

DTC114ES
KTC3199
KTA1267

2SA1037
2SA1235
2SC3052
2SD1306
CMBT5401
CMBT5551

DTA144WK
DTC124EK
RT1N144C
RT1P141C
RT1P144C



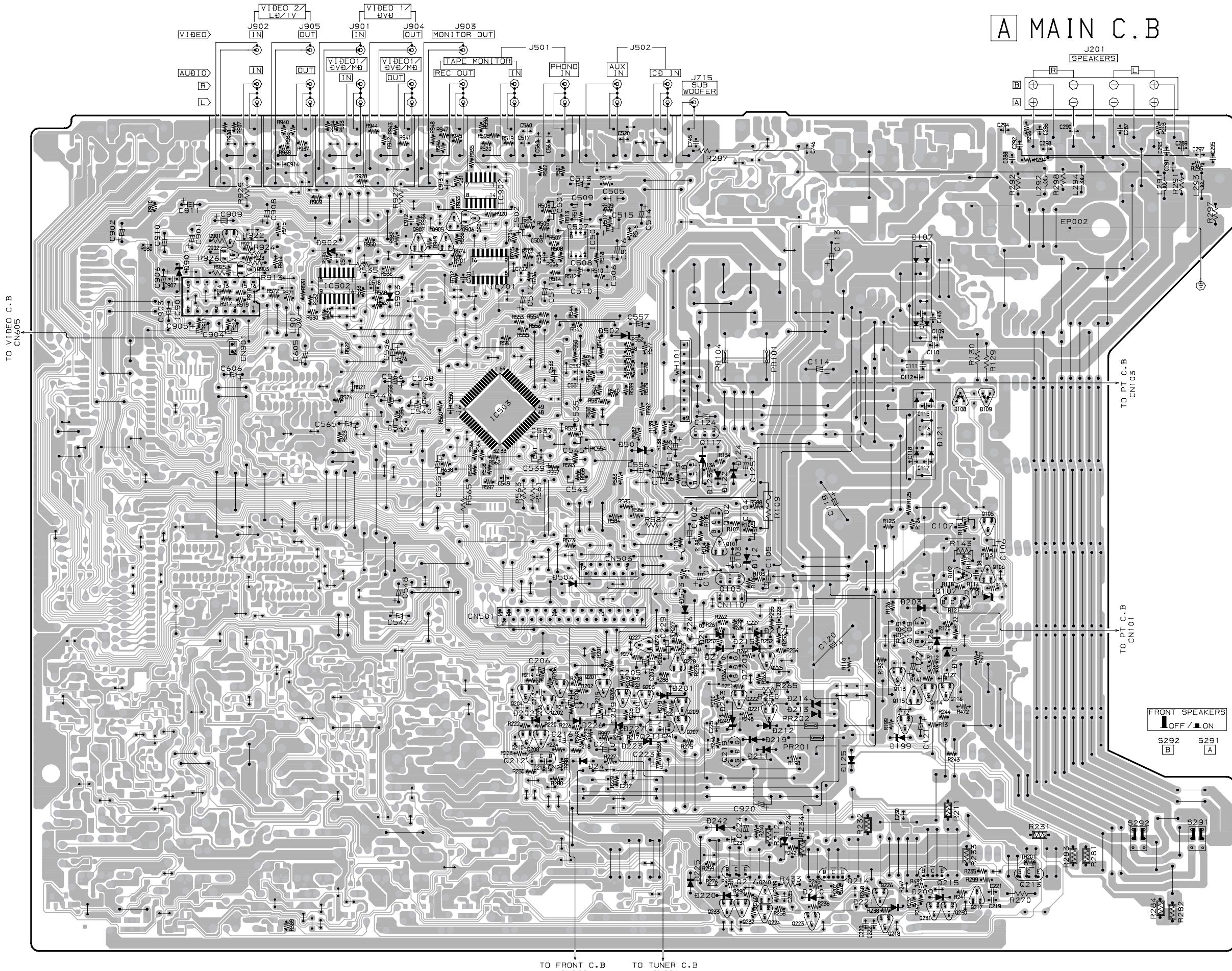
2SK3053

2SK2158

CSD1489

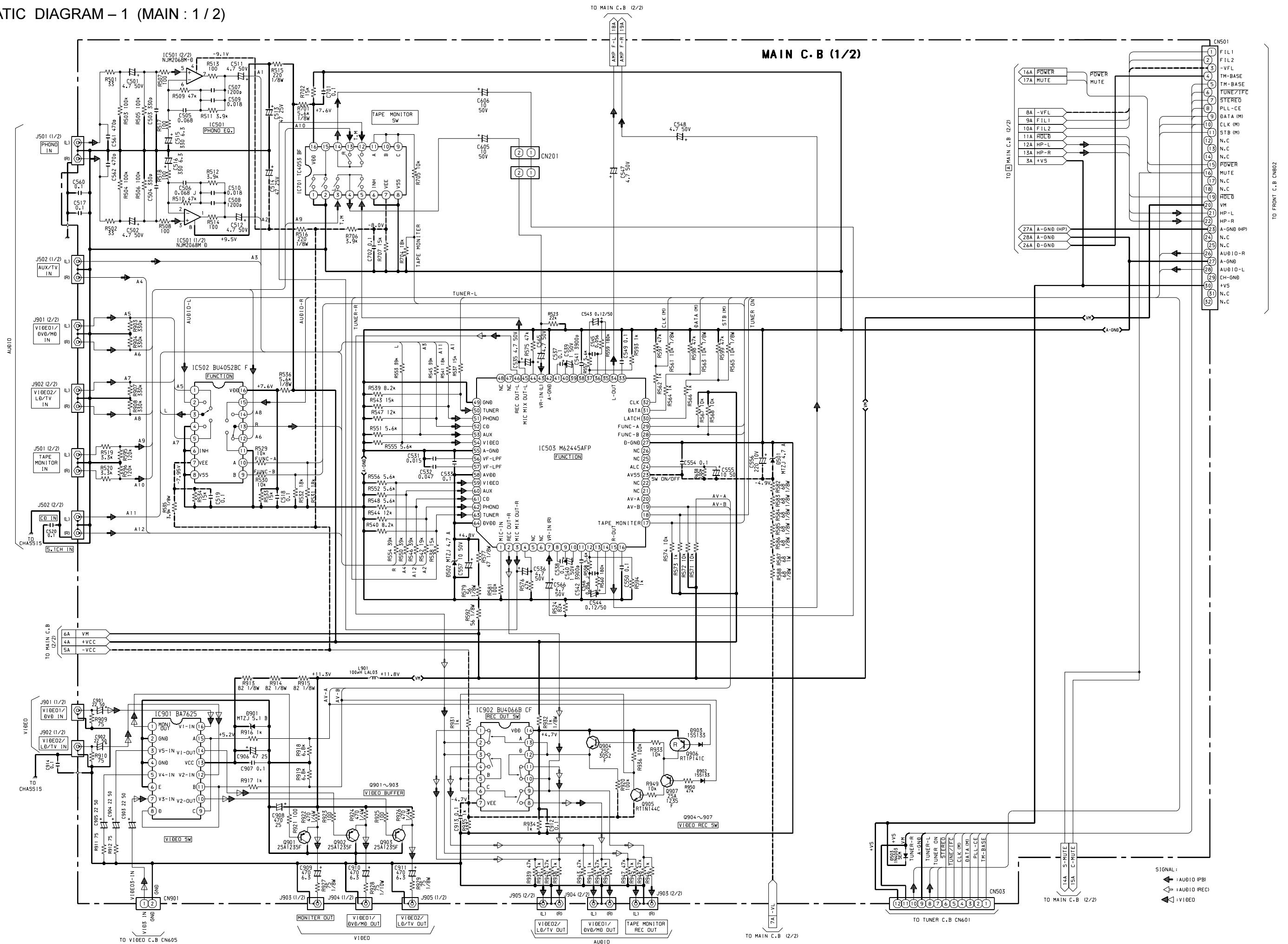
WIRING-1 (MAIN)

32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

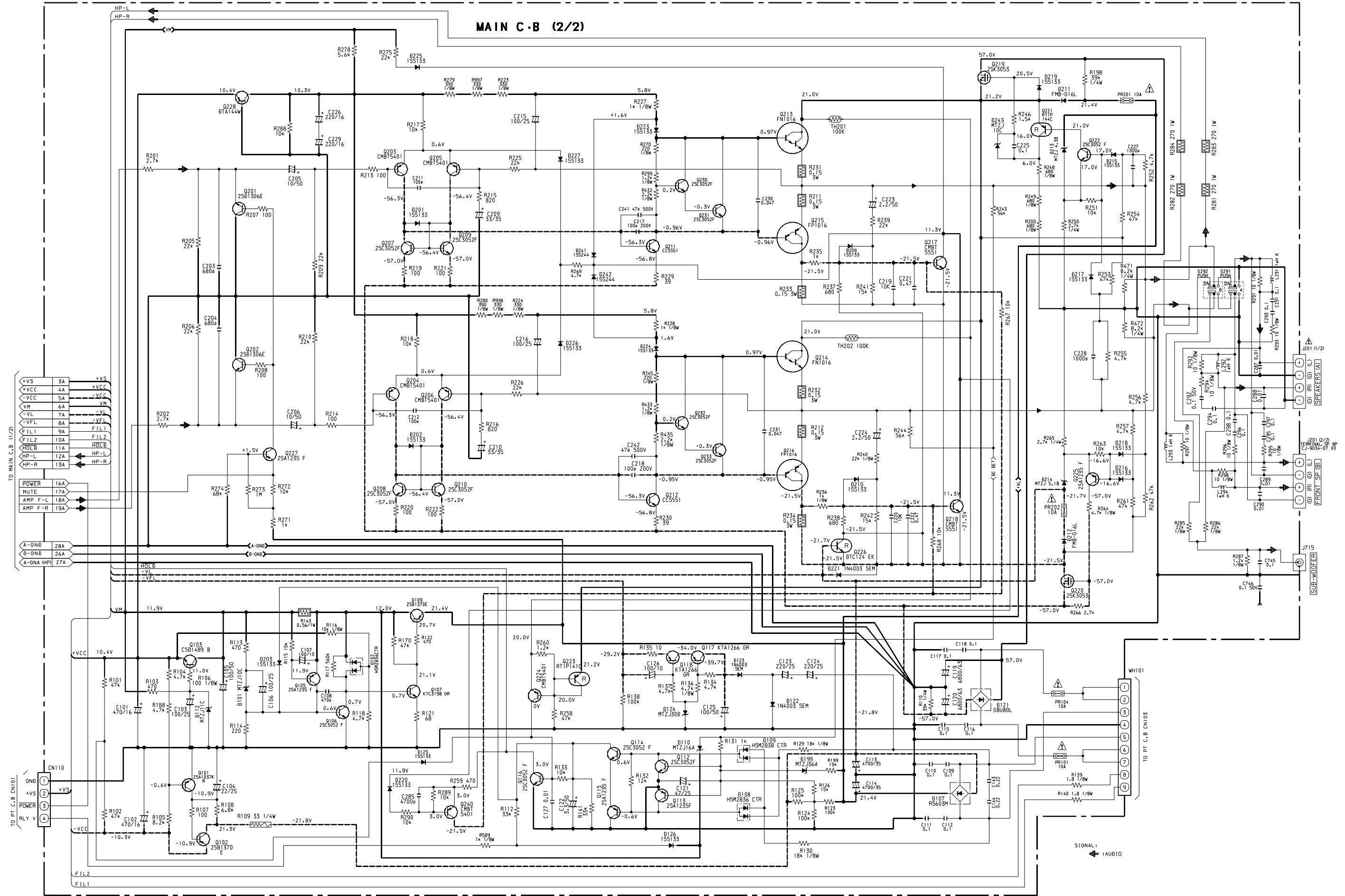


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SCHEMATIC DIAGRAM – 1 (MAIN : 1 / 2)

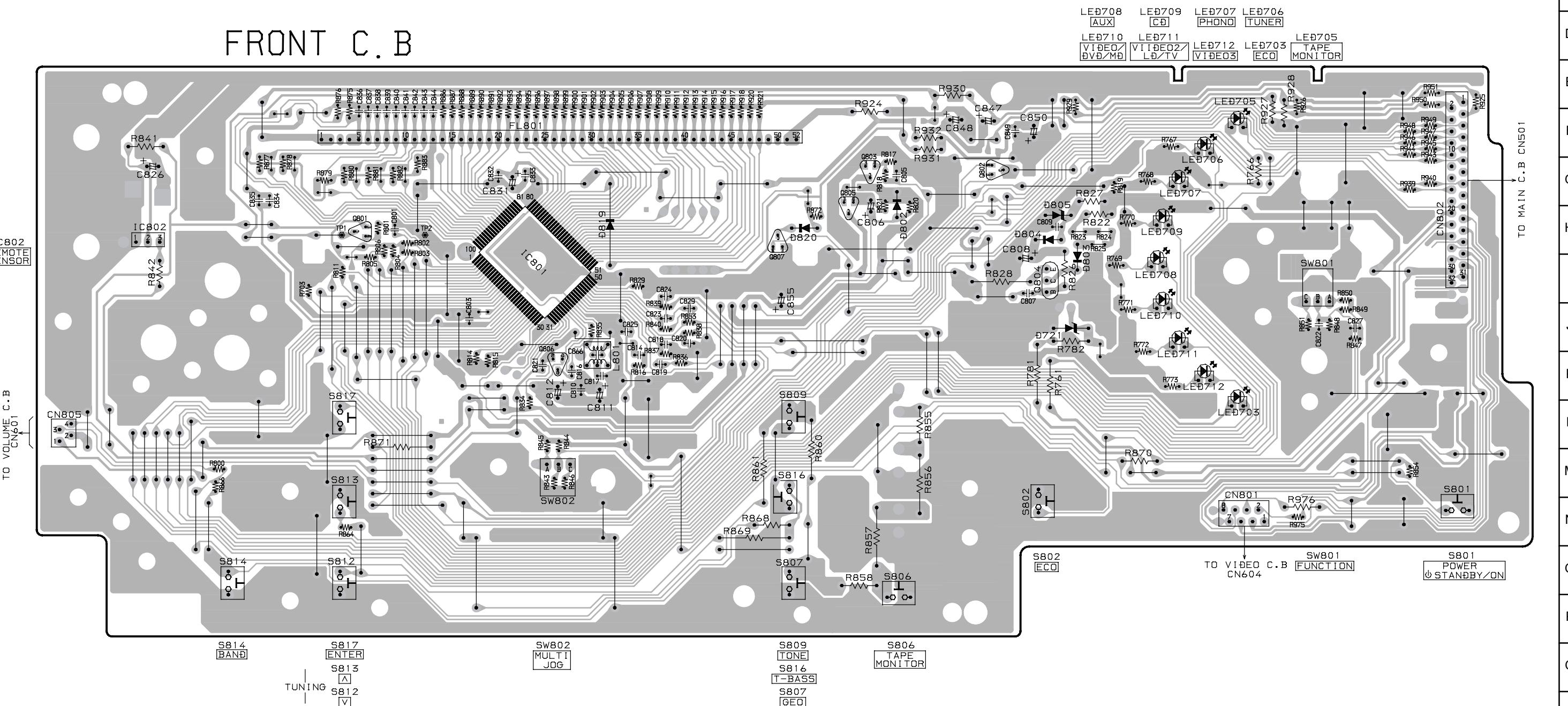


SCHEMATIC DIAGRAM – 2 (MAIN : 2 / 2)

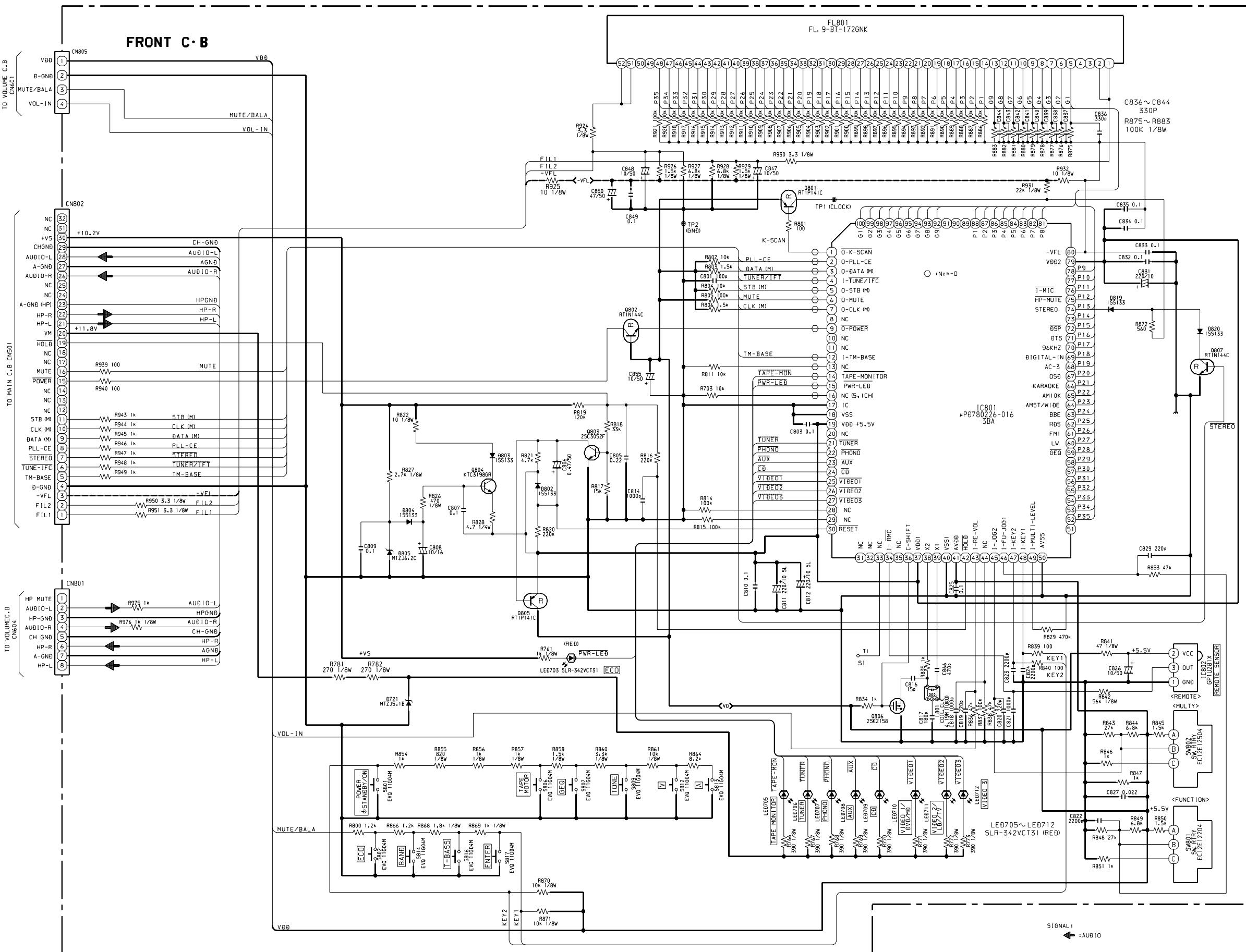


| 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

FRONT C. B



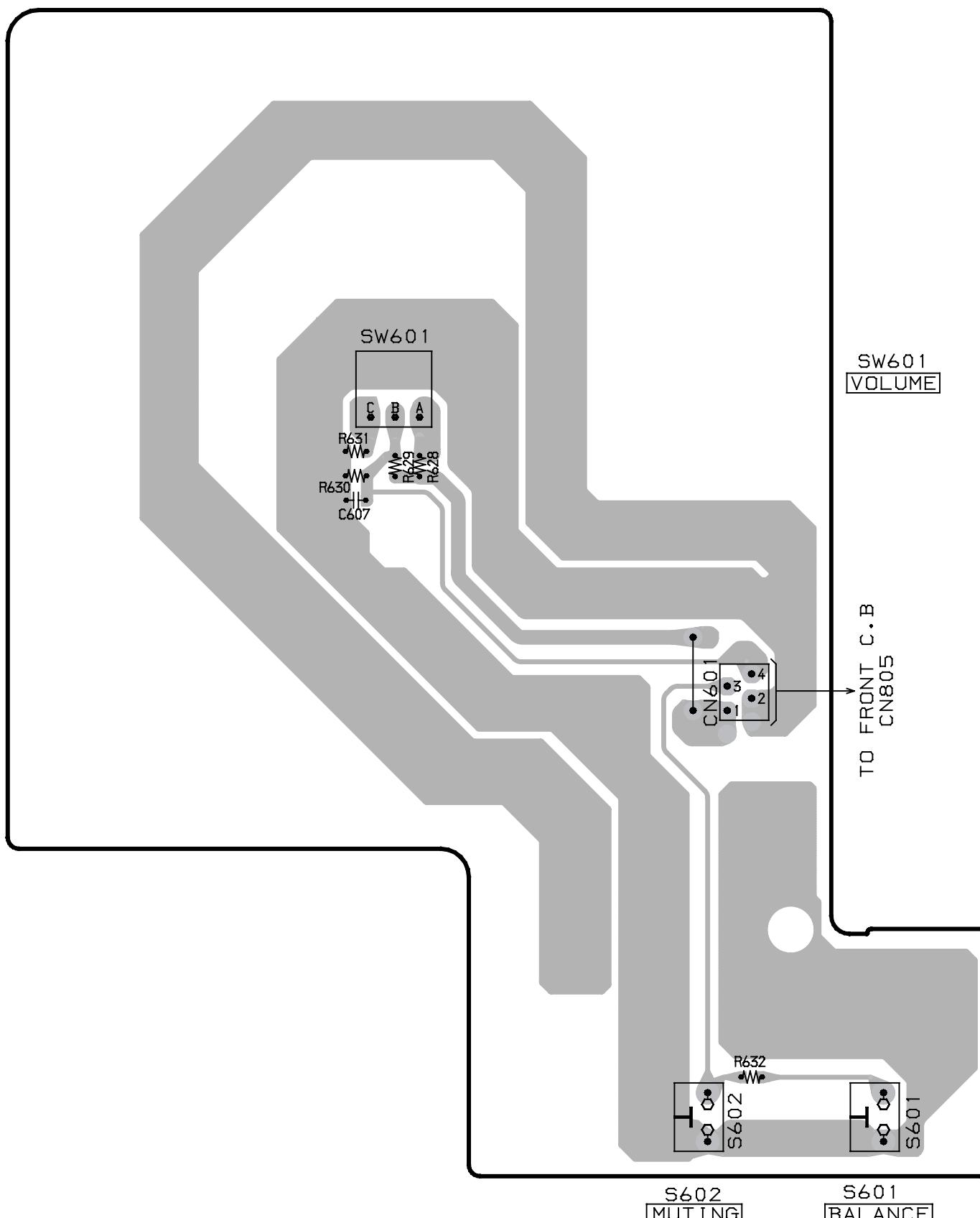
SCHEMATIC DIAGRAM – 3 (FRONT)



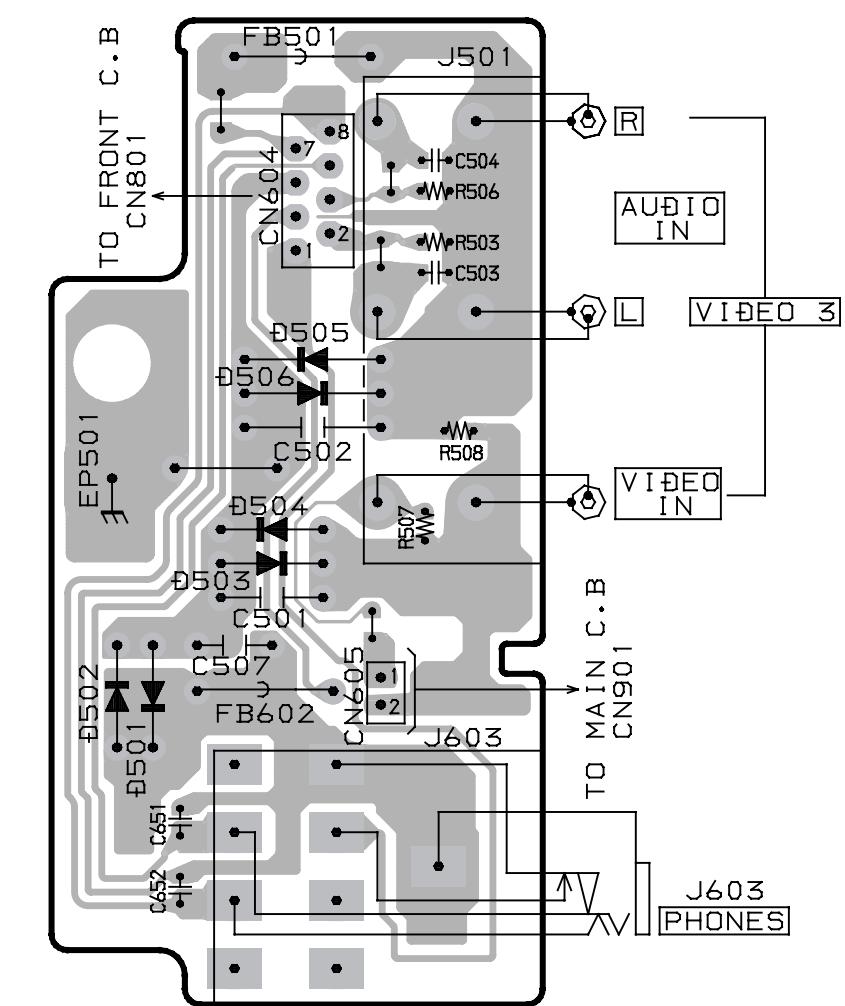
WIRING-3 (VOLUME / VIDEO)

32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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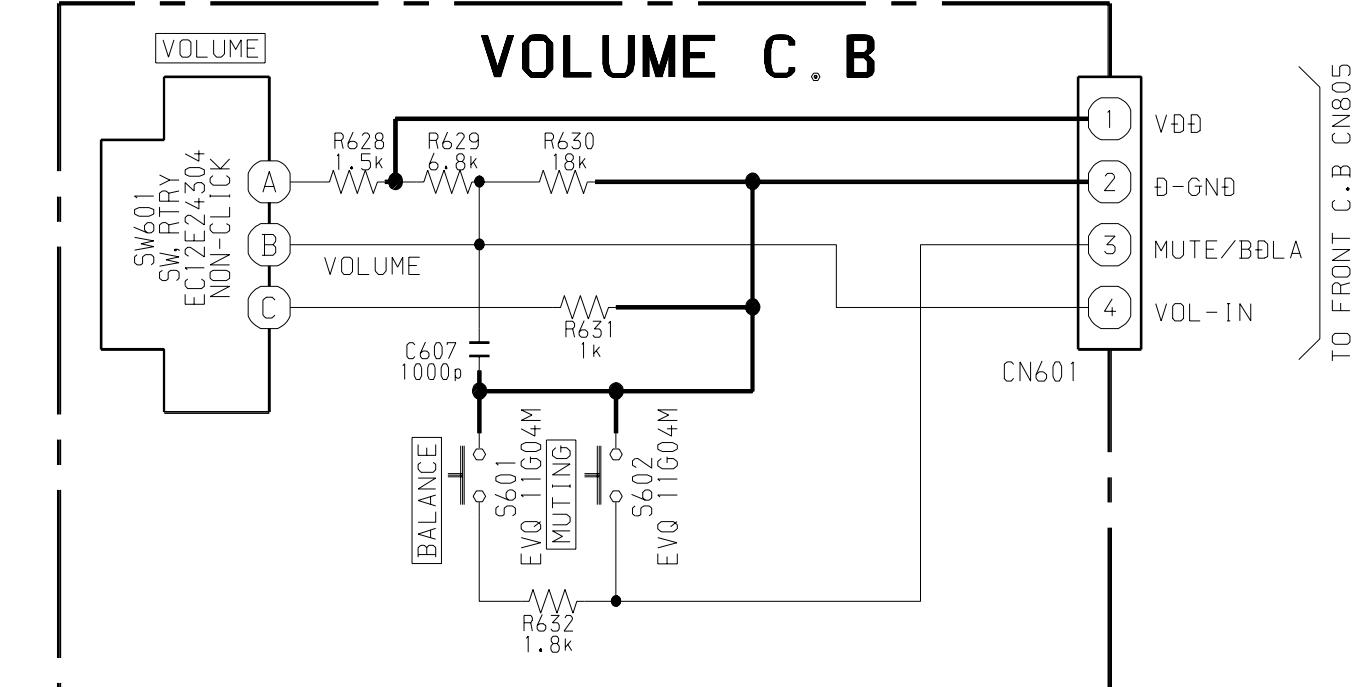
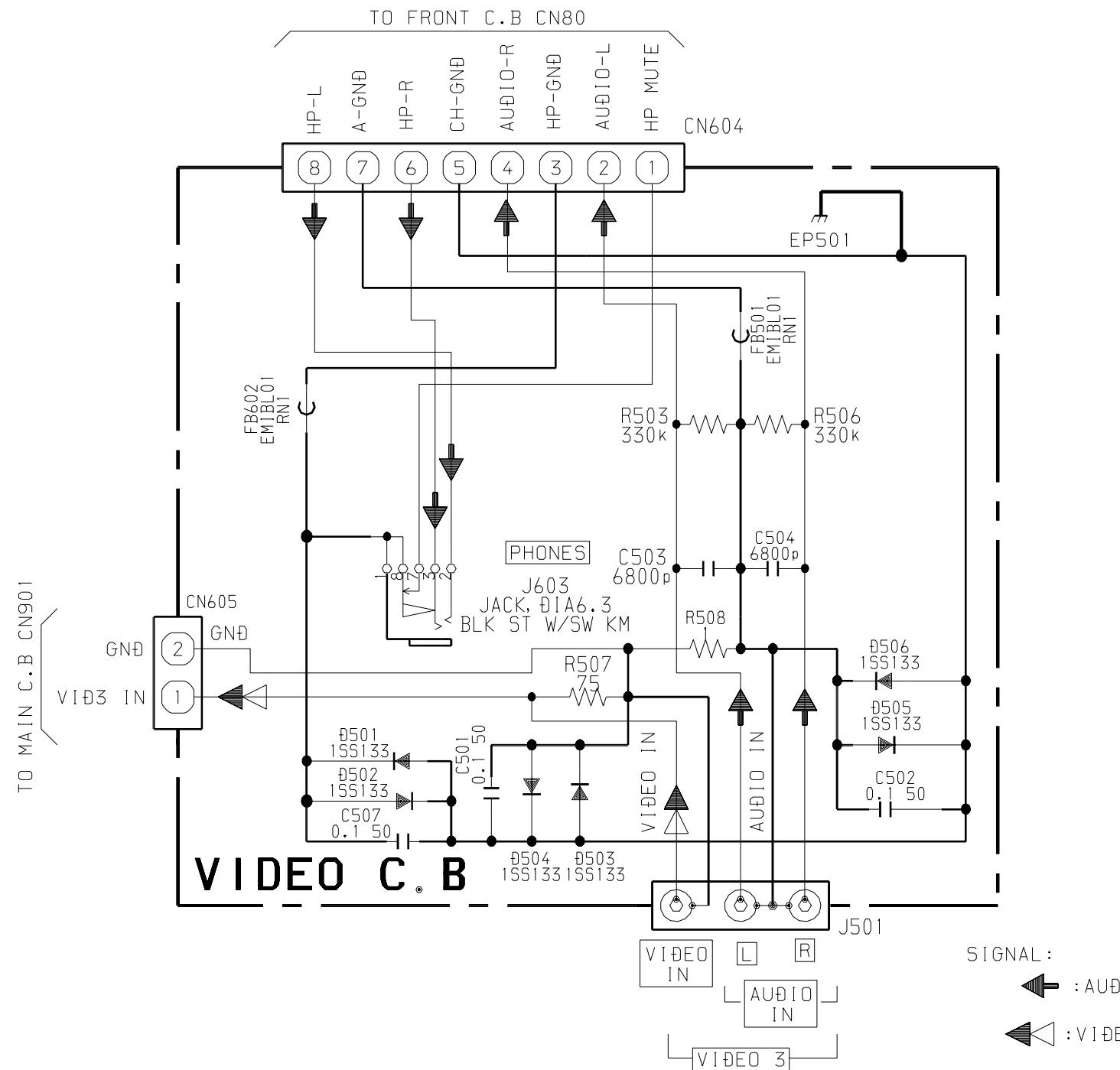
VOLUME C. B



VIDEO C. B

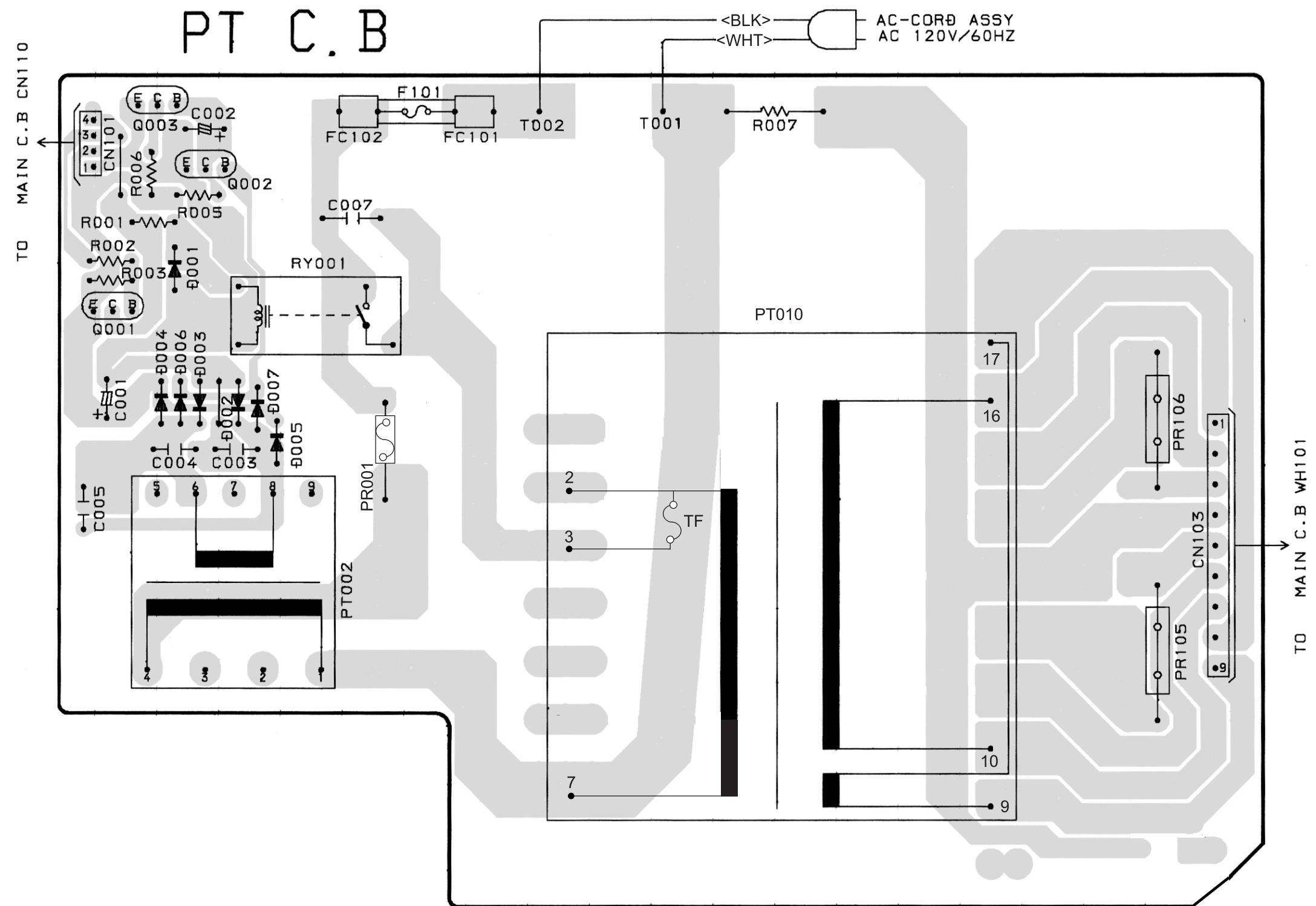


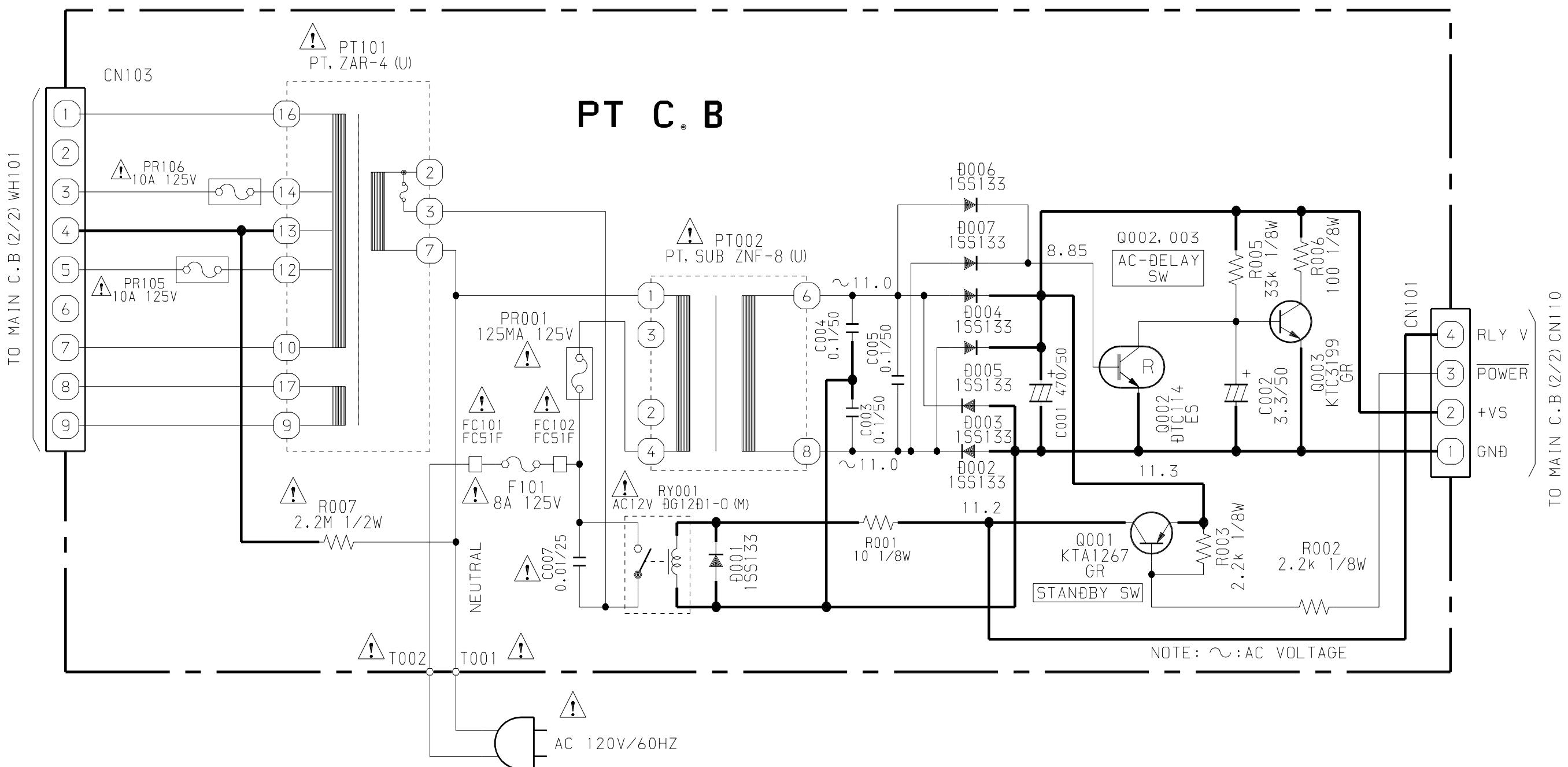
SCHEMATIC DIAGRAM – 4 (VOLUME / VIDEO)



WIRING-4 (PT)

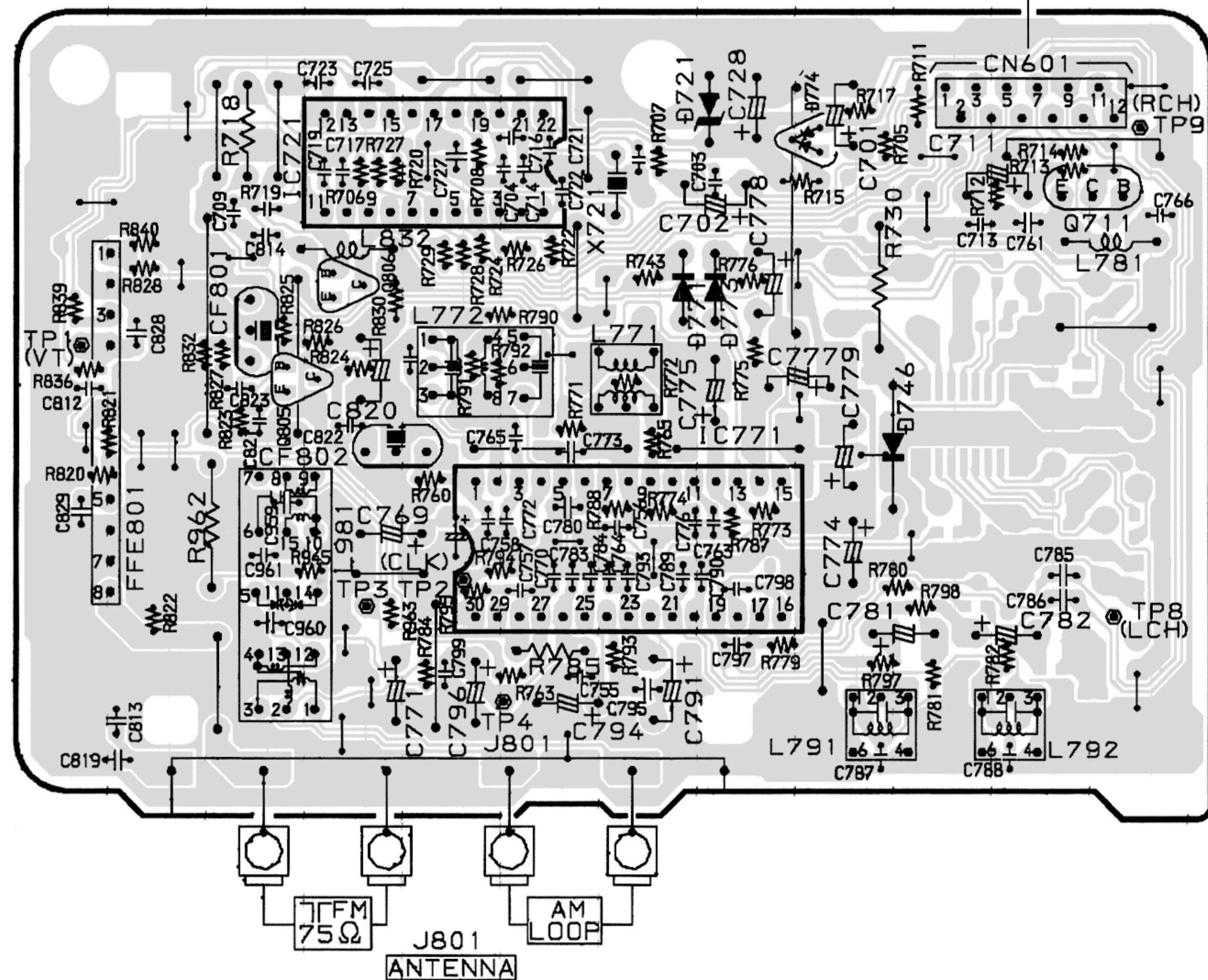
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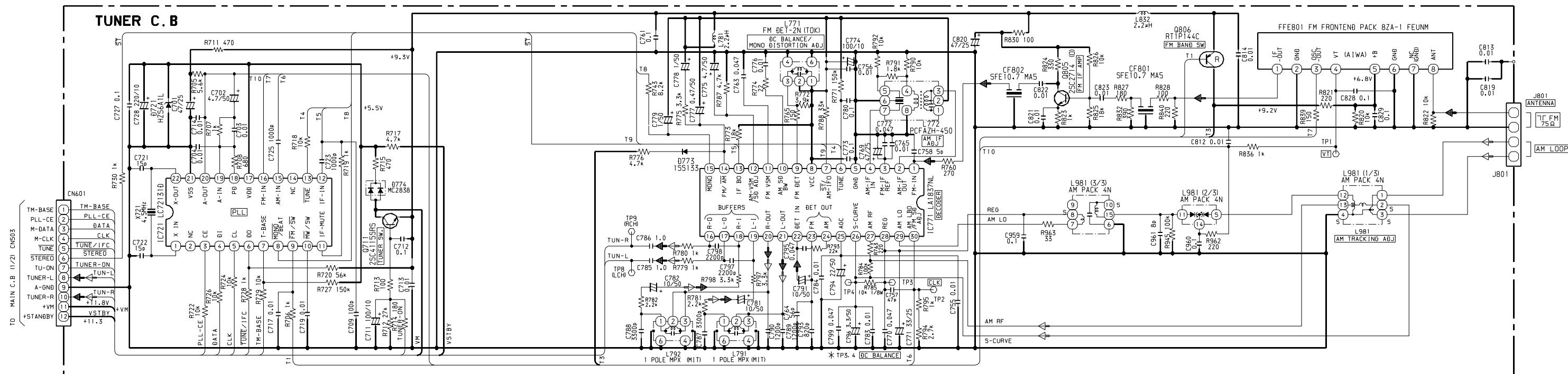


TUNER C. B

FROM MAIN C.B CN503

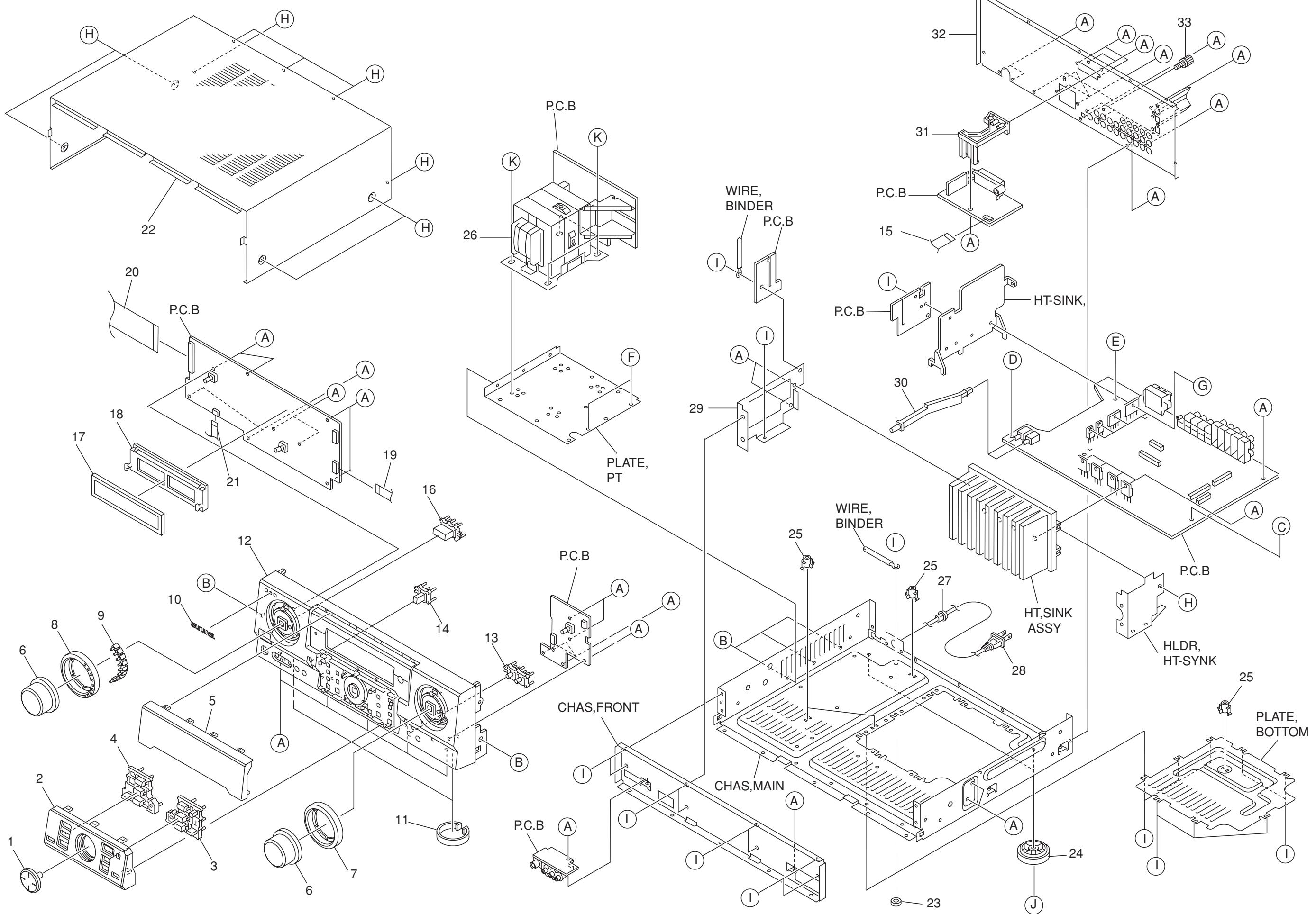


SCHEMATIC DIAGRAM – 6 (TUNER)



SIGNAL :
◀ : FM
◀ : AM

MECHANICAL EXPLODED VIEW 1 / 1



MECHANICAL PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-AR3-006-010		KNOB, RTRY JOG	26	8Z-AR4-601-010		PT, ZAR-4 (U)
2	8A-AR5-003-010		PANEL, FR U	27	87-085-189-010		BUSHING, CORD (U)
3	8A-AR5-007-010		KEY, ASSY, ENTER	28	87-A80-110-010		AC CORD ASSY, U SPT-2W
4	8A-AR5-005-010		KEY, ASSY, DOLBY	29	8A-AR5-206-010		HLDR, HT-SINK L
5	8A-AR5-006-010		WINDOW, DISP U	30	8A-AR3-011-010		BTN, SP
6	8A-AR3-045-010		KNOB, RTRY VOL	31	88-AR1-203-010		HLDR, TU
7	8A-AR3-007-010		RING, VOL	32	8A-AR5-002-010		PANEL, REAR UBM
8	8A-AR3-047-010		RING, FUN	33	87-033-209-010		TERMINAL, EARTH
9	8A-AR3-009-010		REFLECTOR, FUN	A	87-067-703-010		TAPPING SCREW, BVT2+3-10
10	87-CE3-023-010		BADGE, AIWA 30N SILV	B	87-591-095-410		TAPPING SCREW, QIT+3-8 (GLD)
11	8Z-AR1-020-110		RING, FOOT SIL	C	87-067-633-010		TAPPING SCREW, BVT2+3-8
12	8A-AR5-001-010		CABI, FR U	D	87-067-581-010		TAPPING SCREW, BVT2+3-15
13	8A-AR3-024-010		KEY, BAL	E	87-067-632-010		TAPPING SCREW, BVT2+3-15
14	8A-AR3-020-010		KEY, ECO	F	87-067-585-010		TAPPING SCREW, BVTT+4-6
15	88-912-161-110		FF-CABLE, 12P 1.25 160MM	G	87-067-579-010		TAPPING SCREW, BVT2+3-8
16	8A-AR3-021-010		KEY, POWER	H	87-067-641-010		UTT2+3-8 (W/O SLOT) BL
17	8A-AR5-602-010		FL, 9-BT-172GNK R	I	87-067-584-010		TAPPING SCREW, BVT2+3-6
18	88-AR1-209-010		GUIDE, FL	J	87-067-689-010		TAPPING SCREW, BVTT+3-8
19	88-904-101-110		FF-CABLE, 4P 1.25 100MM	K	87-078-191-010		S-SCREW, IT+4-10
20	8A-AR3-643-010		FF-CABLE, 32P 1.25 430MM	L	87-721-095-410		QT2+3-8GLD W/O SLOT
21	88-908-101-110		FF-CABLE, 8P 1.25 10MM				
22	8A-AR5-004-010		CABI, STEEL				
23	8Z-NB8-240-010		COVER, PL				
24	8Z-AR1-021-110		FOOT, REAR				
25	88-AR1-218-010		HLDR, PWB H8.9				

COLOR NAME TABLE

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange		



アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)
AIWA CO., LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111